

FIG. 1

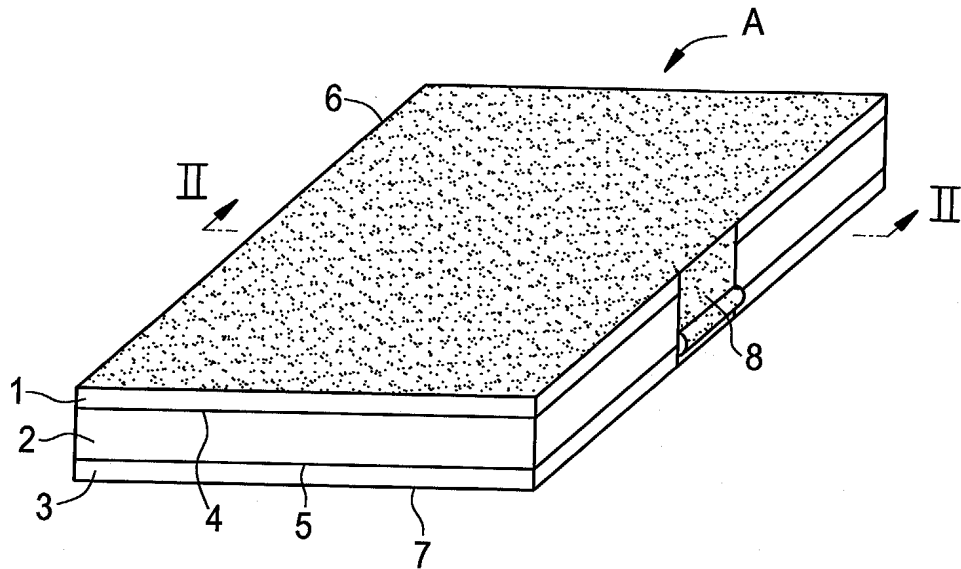


FIG. 2

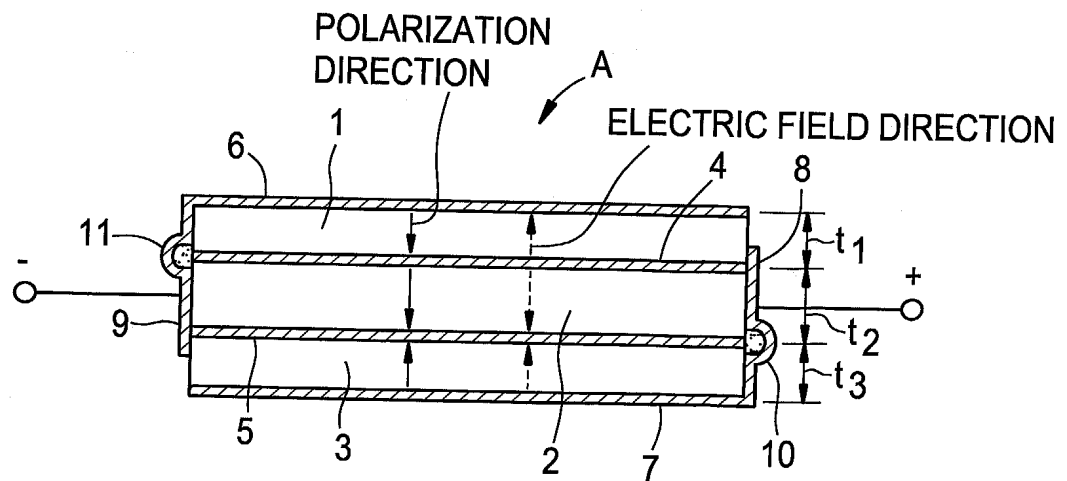


FIG. 3A

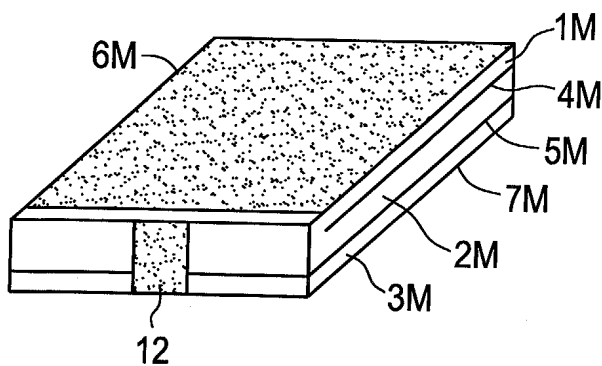


FIG. 3B

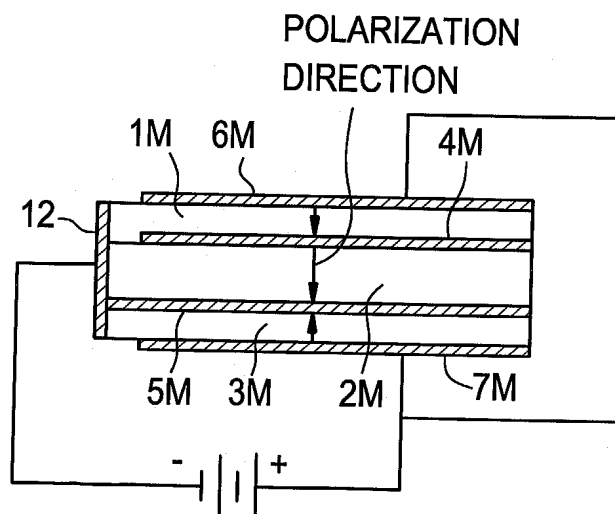


FIG. 3C

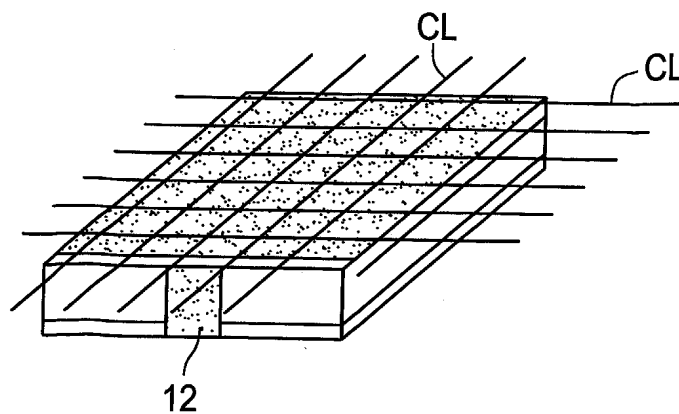
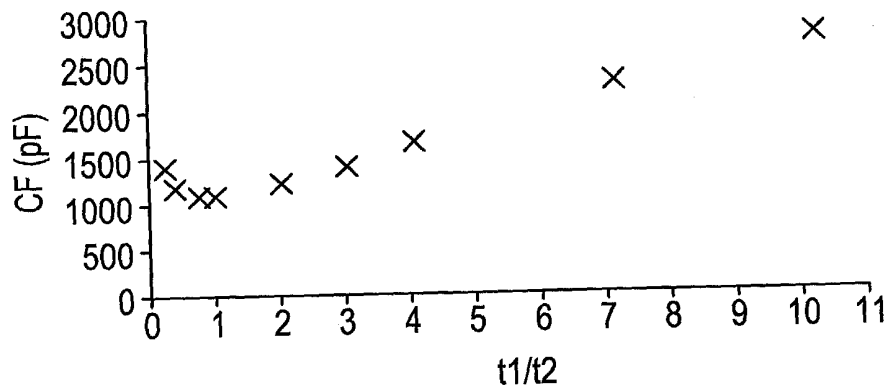
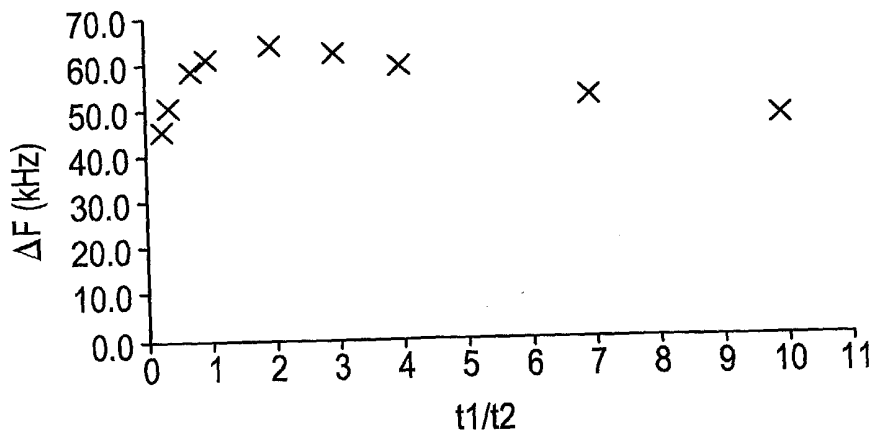


FIG. 4



x POLARIZATION OF
CENTRAL PIEZOELECTRIC
LAYER

FIG. 5



x POLARIZATION OF
CENTRAL PIEZOELECTRIC
LAYER

FIG. 6

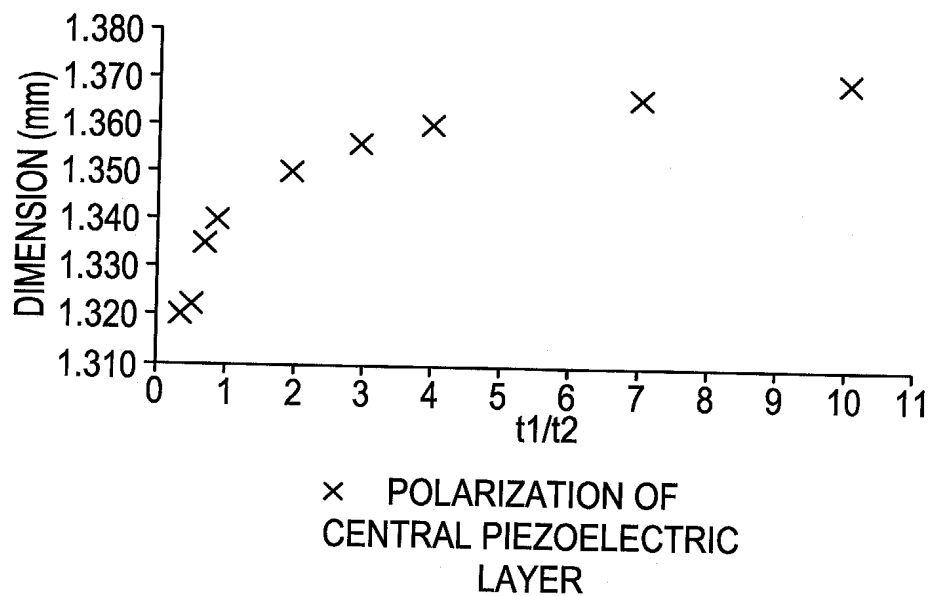


FIG. 7

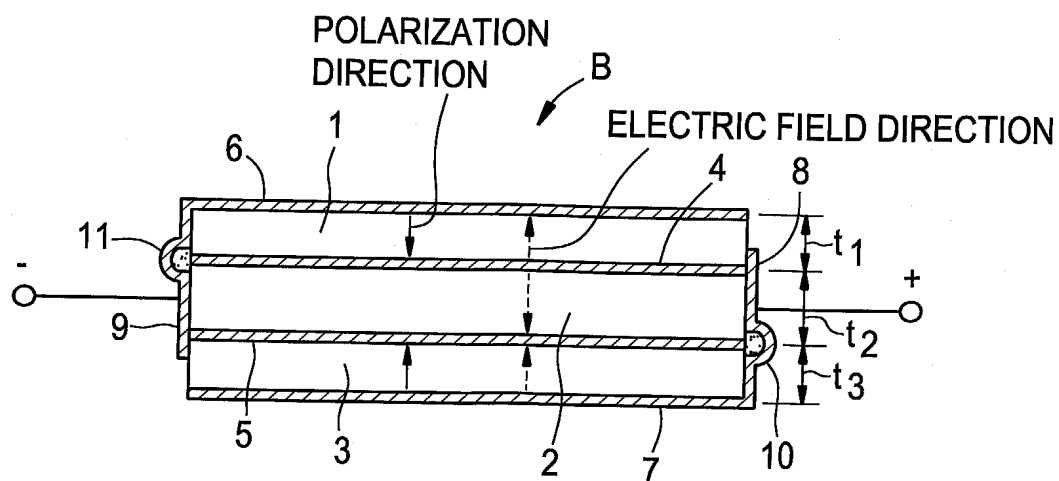


FIG. 8A

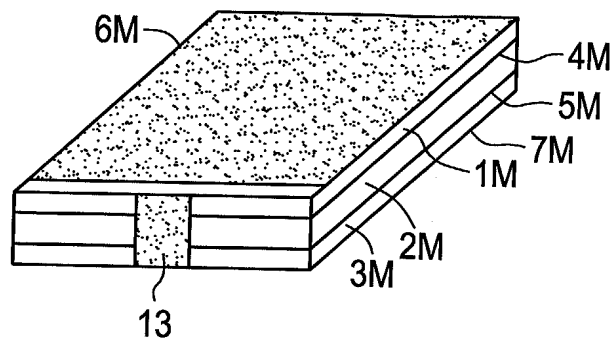


FIG. 8B

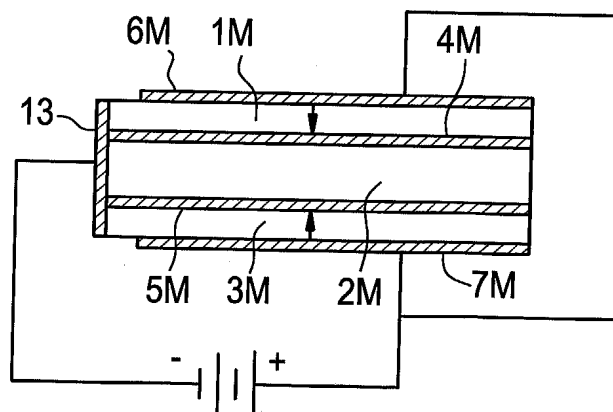


FIG. 8C

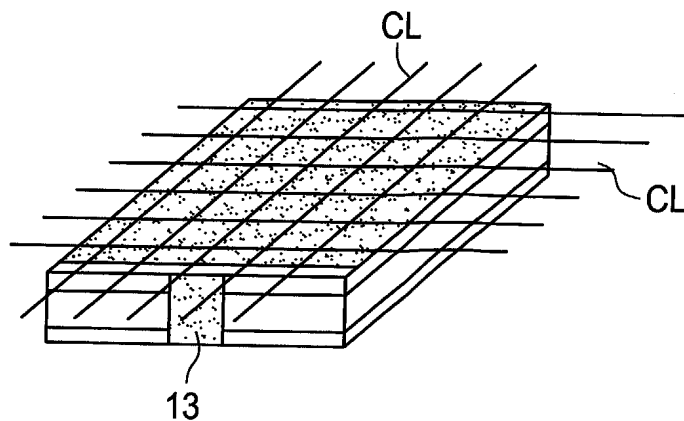


FIG. 9

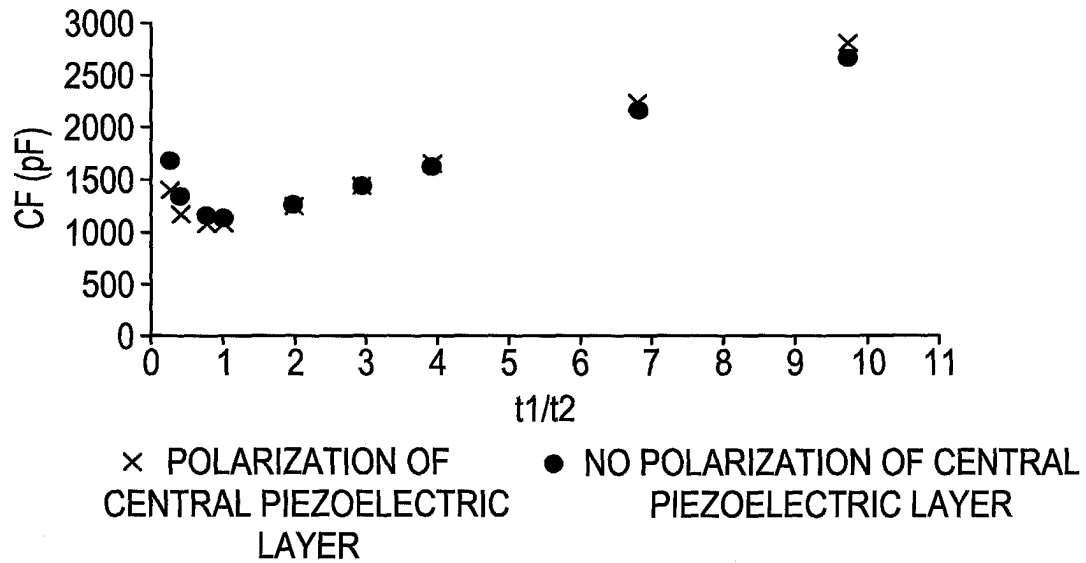


FIG. 10

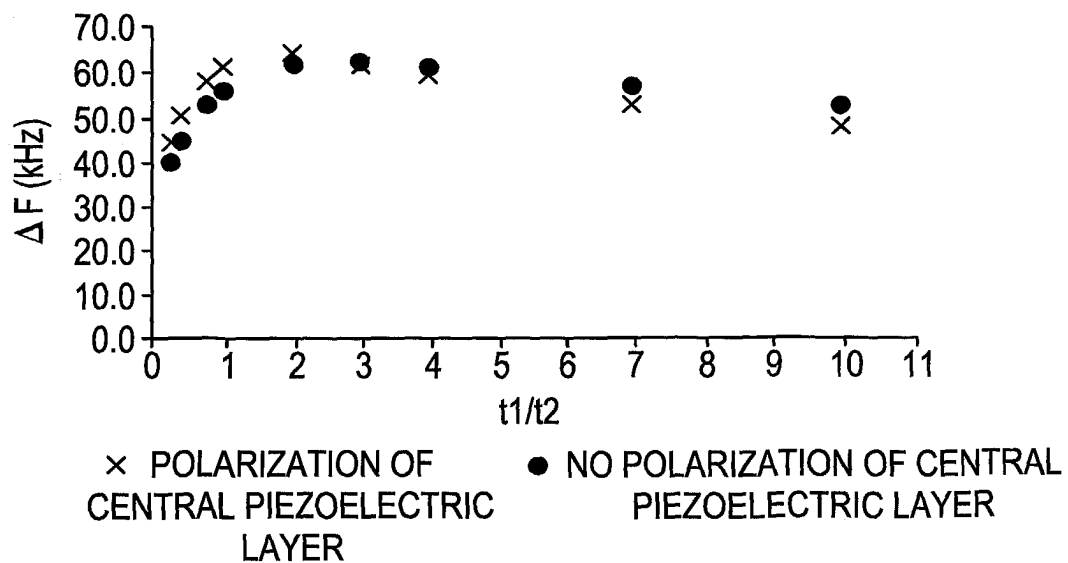
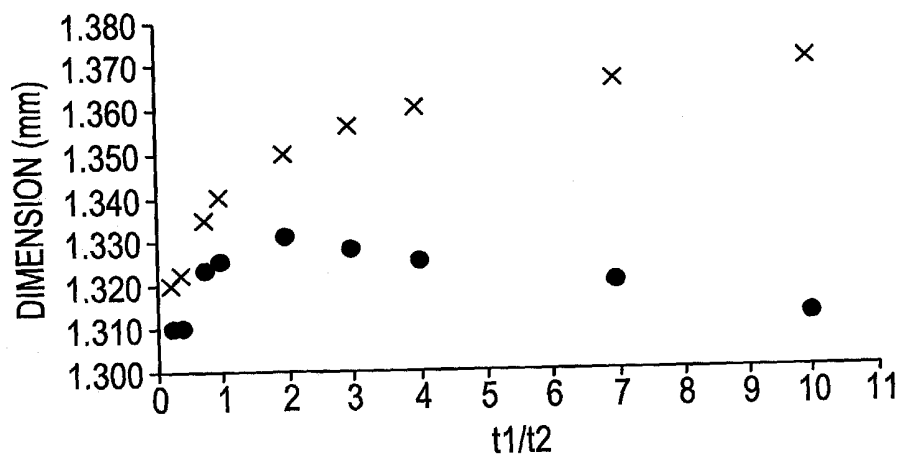


FIG. 11



x POLARIZATION OF
CENTRAL PIEZOELECTRIC
LAYER

● NO POLARIZATION OF CENTRAL
PIEZOELECTRIC LAYER